Mail Stop: Patent Application **Commissioner for Patents**

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

APPLICATION ELEMENTS

Attorney Docket No.: 102.0027
First Named Inventor or Application Identifier: Julian R. Cudmore, et al.
Title: System and Method for Optimizing Production in an Artificially Lifted Well
Express Mail Label No : EV 335954434 US

P.O. Box 1450 Alexandria, VA 22313-1450

See MPEP chapter 600 concerning utility patent application contents.								
١.	×	Fee Transmittal Form (e.g., PTO/SB/17)						

(Submit an original and duplicate for fee processing) X Specification [Total Pages: 32]

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed-sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Descriptions of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.	Drawings (35 U.S.C. 113)	[Total Sheets: 11]
4.	Oath or Declaration	[Total Pages:]

- a. Newly executed (original or copy)
- b. Copy from prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 16 completed)
 - i ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5.	CD-ROM or CD-R in duplicate, large table or
	Computer Program (Appendix)

- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a.

 Computer Readable Copy
 - b.

 Paper Copy

ADDRESS TO:

c.

Statement verifying identity of above copies

ACCOMPANYING	APPLICATION	PARTS
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7.		Assignment papers (cover sheet & document(s))						
8.		37 C.F.R. 3.73(b) Statement ☐ Power of Attorney (when there is an assignee)						
9.		English Translation Document (if applicable)						
10.	X	Information Disclosure						
Í		Statement (IDS)/Form 1449 Citations						
11.		Preliminary Amendment						
12.	×	Return Receipt Postcard (MPEP 503)						
		(Should be specifically itemized)						
13.		Certified Copy of Priority Document(s)						
	(if foreign priority is claimed)							
14.		Nonpublication Request under 35 U.S.C.122						
		(b)(2)(B)(i). Applicant must attach form PTO/SB/35						
15.		Other:						

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:										
☐ Continuati	☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:/ Prior application information: Examiner: Group/Art Unit:									
under Box 4b,	is considered a part of the	disclosure of the accompa-	sure of the prior application, fron nying continuation or divisional a n has been inadvertently omitted	application and is h	ereby incorporated by					
		17. CORRESPO	NDENCE ADDRESS							
☐ Customer Number or Bar Code Label (Insert customer No. or Attach bar code label here) or ☑ Correspondence address below										
NAME	Schlumberger Tec	hnology Corporation, Schlu	mberger Reservoir Completions	3						
	14910 Airline Road	3			<u> </u>					
ADDRESS	P.O. Box 1590									
CITY	Rosharon	STATE	Texas	ZIP CODE	77583-1590					
COUNTRY	U.S.	TELEPHONE	(281) 285-5720	FAX	(281) 285-5537					
Name (Print/Type) Jeffrey E. Griffin			Registration No. (Attorney/Agent): 36,534							
Signature		K-11-		Date: Februa	n/3 2004					

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

CEC TO A NOMITTAL			Complete if Known						
FEE TRANSMITTAL			Application Number						
For FY 2004			Filing Date						
	1 1 1 200	T	First Named Inventor Julian R.		lian R. Cudmore, et al.				
			Group	Art Unit					
Effective 01/01/2003. P.	atent fees are subject	to annual revision.	Exami	ner Name	9				
TOTAL AMOUNT O	F PAYMENT	\$1292	Attorn	ey Docke	t Numbe	r 102	2.0027		
METHOD OF PA	YMENT (Chec	ck all that apply)				FEE C	ALCULATION (continued)		
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Name	Schlumberger T	echnology Corp.	127	50	227	25	Surcharge - late provisional filing		
Charge Any Addition			139	130	139	130	cover sheet. Non-English specification	_	
Under 37 CFR 1.16	and 1.17		147	2,520	147	2,520	For filing a request for reexamina	etion	
O D Boymont Eng	alaaadi.		112	920*	112	920*	Requesting publication of SIR pr	<u>-</u>	
2. Payment End							Examiner action	L	
☐ Check	Money Order	Other	113	1840*	113	1840*	Requesting publication of SIR aff Examiner action		,
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1. BASIC FILING F	·FE		116	380	216	190	Extension for response within se	cond	1
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	385 Utility filing fe		128	1,850	228	925	Extension for response within fift	th month	
	155 Design filing		119	300	219	150	Notice of Appeal		
	240 Plant Filing for		120	300	220	150	Filing a brief in support of an app	peal _	
	380 Reissue filing		121	260	221	130	Request for oral hearing		
1005 160 214	75 Provisional fi	lling tee [138	1,510	138	1,510	Petition to institute a public use proceeding]	
ຣບເ	BTOTAL (1)	\$770	140	110	240	55	Petition to revive unavoidably ab application	andoned	
2. EXTRA CLAIMS		ee from Fee below Paid	141	1,210	241	605	Petition to revive unintentionally abandoned application	-	
Total Claims 49 -2	20 = 29 \$	\$ 18.00 = \$522	142	1,210	242	605	Utility issue fee	-	
Independent 49 -4	20 = 29 3	5 18.00 = \$522	143	430	243	215	Design issue fee Plant issue fee Petition to Commissioner		
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Multiple Dependent Claims		_	122	130	122	130			
Large Entity Small Er	ntity		123	50	123	50	Petitions related to provisional	1	
Fee Fee Fee F	ee Fee l	Description	126	240	126	240	applications Submission of Information Disclosure		
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1205 18 2205		m in excess of 20	149	760	249	380	CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b))	be	
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SUBMITTED BY							Complete (if	annlicable)	
Typed or	loffroy E. C≓	ffin :			-				
Printed Name Jeffrey E. Griffin							Reg. Number Deposit Account	36,53	94
Signature User ID									

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Julian R. Cudmore, et al.

Attorney Docket No.:

102.0027

Serial No.:

Art Unit:

Filed:

Examiner:

For:

System and Method for Optimizing Production in an Artificially Lifted Well

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that these **Drawings** (11 sheets) are being deposited with the United States Postal Service as Express Mail No. EV 335954434 US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 3, 2004

Date

Rhonda J. Smith Schlumberger Technology Corporation 14910 Airline Road Rosharon, Texas 77583-1590

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